

PROCEEDINGS
OF THE
BIOLOGICAL SOCIETY OF WASHINGTON

THE NOMENCLATURE OF THE HYDROMEDUSÆ.

COMPILED BY T. D. A. COCKERELL.

The list given below is compiled from Dr. A. G. Mayer's "Medusæ of the World," in the same manner as that of the Scyphomedusæ previously published (Proc. Biol. Soc. Wash., XXIV, p. 7).^{*} Like the other list, it has been very kindly scrutinized by Dr. Mayer, who has made a number of suggestions. Owing to the difficulties inherent in the classification of the Hydromedusæ, the list is to be considered provisional, but as it is based on Dr. Mayer's monograph, while at the same time correcting a number of nomenclatural errors, it should be serviceable. The type-species is cited after each generic name.

Order ANTHOMEDUSÆ.

Fam. SARSIIDÆ [Codonidæ].

Subf. SARSIINÆ.

Tribe Pachycordylini.

Pachycordyle Weismann.

napolitana Weismann.

Tribe Amalthæini.

Amalthæa Schmidt.

wifera Schmidt.

Tribe Pennariini.

Pennaria Oken.

pennaria (L.).

^{*} In the list of Scyphomedusæ are a few errors, unfortunately overlooked by me, but detected by Dr. Mayer, as follows: p. 8, read *Tesserantha connectens*; p. 9, read *Kishinouyea*; p. 10, read *Drymonema*; p. 12, read *Eupilema scapulare*. Also for Pér. & Less. read Pér. & Les.

Tribe Trichorhizini.

Trichorhiza Russell.*brunnea* Russell.

Tribe Steenstrupiini.

Steenstrupia Forbes.*rubra* Forbes.*Hybocodon* L. Ag.*prolifer* L. Ag.*Microcampana* Fewkes.*conica* Fewkes.

Tribe Dicodoniini.

Dicodonium Haeck.*cornutum* Haeck.

Tribe Sarsiini.

Sarsia Lesson.*tubulosa* Lesson.*Moerisia* Bouleng.*lyonsi* Bouleng.*Hydrichthys* Fewkes.*mirus* Fewkes.*Eucodonium* Hartlaub.*brownei* Hartlaub.*Ectopleura* L. Ag.*dumortieri* (Van Bened.).*Lincillea* Mayer. [*Corymitis* McCrady,
preocc.]*agassizii* (McCrady).*Dipurena* McCrady. [*Slabberia* Forbes,
preocc.]*strangulata* McCrady.

Subf. MARGELOPSINÆ.

Margelopsis Hartlaub.*haeckelii* Hartlaub.*Pelagohydra* Dendy.*mirabilis* Dendy.

Fam. CLADONEMIDÆ.

Subf. PTERONEMINÆ.

Zanclæa Gegenbaur.*costata* Gegenbaur.

- Zancleopsis* Hartlaub.
dichotoma (Mayer).
Pteronema Haeck.
darwinii Haeck.
Eleutheria Quatref.
dichotoma Quatref.
Mnestra Krohn.
parasites Krohn.

Subf. CLADONEMINÆ.

- Ctenaria* Haeck.
ctenophora Haeck.
Cladonema Duj.
radiatum Duj.
Dendronema Haeck.
stylodendron Haeck.
Urashimca Kishinouye.
globosa Kishinouye.

Fam. CYTÆIDÆ.

Subf. PANDEINÆ.

Tribe Protiarini.

- Protiara* Haeck.
tetranema (Pér. & Les.).
Heterotiara Maas.
anonyma Maas.

Tribe Stomotocini.

- Stomotoca* L. Ag.
dinema (Pér. & Les.).
Dissouema Haeck.
saphenella Haeck.

Tribe Pandeini.

- Pandea* Lesson.
conica (Quoy & Gaim.).
Conis Brandt.
mitrata Brandt.
Clavula Wright.
neglecta (Less.); syn. *gossei* Wright.

Subf. CYTÆINÆ.

Tribe Cytæini.

- Cytæis* Eschsch.
tetrastyla Eschsch.

- Podocoryne* Sars.
carnea Sars.
Turritopsis McCrady.
nutricula McCrady.
Modeeria Forbes.*
formosa Forbes.
Stylactis Allm.
fuciola (Sars).
Tribe Limmoreini.
Thamnostylus Hæeck.
dinema Hæeck.
Thamnitis Hæeck.
tetrella Hæeck.
Lymnorea Pér. & Les.
tridra Pér. & Les.
Tribe Bougainvilliini.
Bougainvillia Less.
bougainvillii (Less.); syn. *macloviana*
Less.
Nemopsis L. Ag.
bachei L. Ag.
Rathkea Brandt.
blumenbachii (Rathke).
Chiarella Maas.
centripetalis Maas.
Subf. PROBOSCIDACTYLINÆ.
Tribe Bythotiarini.
Bythotia Günth.
murrayi Günth.
Calycopsis Fewkes.
typa Fewkes.
Niobia Mayer.
dendrotentacula Mayer.
Tribe Proboscidactylini.
Proboscidactyla Brandt.
flavicirrata Brandt.
Willsia Forbes.
scollata Forbes.

* For the *Oceania* of Mayer's monograph I had proposed to use *Callitiara* Hæeck, on account of the uncertainty which seemed to surround *Modeeria*. Dr. Mayer, however, advises the use of *Modeeria*.

Order LEPTOMEDUSÆ.

Fam. CANNOTIDÆ.

Subf. MELICERTINÆ.

Tetranema Haeck.*eucopium* Haeck.*Laodicea* Less.*cruciata* (Forsk.).*Melicerum* Oken.*campanula* Oken.*Melicertissa* Haeck.*clavigera* Haeck.*Orchistoma* Haeck.*pileus* (Less.); syn. *steenstrupii*
Haeck.*Timoides* H. B. Bigelow.*agassizii* H. B. Bigelow.

Subf. POLYORCHIDINÆ.

Stauroliscus Haeck.*tetrastaurus* Haeck.*Ptychogena* A. Ag.*lactea* A. Ag.*Polyorchis* A. Ag.*penicillata* (Eschsch.).*Scrippsia* Torrey.*pacifica* Torrey.*Spirocodon* Haeck.*saltatrix* Haeck.

Subf. CANNOTINÆ.

Cannota Haeck.*dodecantha* Haeck.*Cuvieria* Pér.*carisochroma* Pér.*Dichotomia* Brooks.*cannoïdes* Brooks.*Dipleurosoma* Axel Boeck.*typicum* Axel Boeck.*Toxorhis* Haeck.*arcuatus* Haeck.*Netocertoïdes* Mayer.*brachiatum* Mayer.

Fam. EUCOPIIDÆ.

Subf. EUCOPIINÆ.

- Eucopella* v. Lendenf.
bilabiata (Coughtrey).
Agastra Hartl.
mira Hartl.
Eucopium Haeck.
pictum (Keferst. & Ehlers.).
Obelia Pér. & Les.
marina (Slabber).*
Tiaropsis L. Ag.
multicirrata (Sars).
Acosmetira n. n.
(Cosmetira Hartlaub, not Forbes).
pilosella (Forbes).

Subf. CLYTIINÆ.

- Clytia* Lamx.
volubilis (Ellis & Soland.).
Phialidium Leuckart. †
hemisphaericum (Pér. & Les.)
Phialopsis Torrey.
diegensis Torrey.
Phialucium Maas.
virens (Bigelow).
Blackfordia Mayer.
manhattensis Mayer.
Pseudoclytia Mayer.
pentata Mayer.
Gastroblasta Keller.
timida Keller.
Eucheilota McCrady.
ventricularis McCrady.
Mitrocoma Haeck.
annæ Haeck.

* Some of Slabber's names have been rejected, not being binomial, but the present one is truly so. Dr. Mayer informs me.

† For *Phialidium* I had substituted the much earlier name *Thaumantias* Eschsch., with the same type-species, but as the case is not clear, I retain *Phialidium* in the list. I thought that *Oceania* Pér. & Les., with the same type, might be available, following Agassiz. Dr. Mayer tells me that Leuckart in 1856 applied *Oceania* to what we now call *Clavula*, the *Oceania coccinea* Leuck. being *Clavula pileata* (Forsk.). It will be necessary to reexamine the older authors to settle this case, but it seems improbable that *Phialidium* can stand.

Staurophora Brandt.
mertensii Brandt.

Subf. EUTIMINÆ.

Saphenia Eschsch.
bitentaculata (Quoy. & Gaim.).
Eutima McCrady.
mira McCrady.
Eutonina Hartlaub.
socialis Hartlaub.

Subf. EIRENINÆ.

Phortis McCrady.
gibbosa McCrady.
Irenopsis Goette.
hexanemalis Goette.
Eirene Eschsch.
viridula (Pér. & Les.).
Tima Eschsch.
flavilabris Eschsch.

Fam. ÆQUOREIDÆ.

Octocanna Haeck.
polynema Haeck.
Octogonade Zoja.
mediterranea Zoja.
Stomobranchium Brandt.
lenticulare Brandt.
Halopsis A. Ag.
ocellata A. Ag.
Æquorea Pér. & Les.
æquorea (Forsk.).
Rhacostoma L. Ag.
globulare (Modeer); syn. *atlanticum*
L. Ag.
Zygocanna Haeck.
pleuronota (Pér. & Les.).
Zygocannula Haeck.
undulosa (Pér. & Les.)

Order TRACHYMEDUSÆ.

Fam. OLINDIIDÆ.

- Gonionemus* A. Ag.
vertens A. Ag.
Cubaia Mayer.
aphrodite Mayer.
Vallentinia Browne.
falklandica Browne.
Olindias F. Müll.
sambaquiensis F. Müll.
Olindioides Goto.
formosa Goto.

Fam. PETASIDÆ.

- Petanus* Haeck.
atavus Haeck.
Aglauroopsis F. Müll.
agassizii F. Müll.
Craspedacusta Lank.
sowerbii Lank.
Microhydra Potts.
ryleri Potts.
Mæotias Ostroumoff.
inexpectata Ostroumoff.
Gossea L. Ag.*
corynetes (Gosse).

Fam. LIMNOCNIDIDÆ.

- Limnocnida* Günth.
tanganjicæ Günth.

Fam. PTYCHOGASTRIIDÆ.

- Ptychogastria* Allm.
polaris Allm.

Fam. TRACHYNEMIDÆ.

Subf. TRACHYNEMINÆ.

- Trachynema* Gegenb.
ciliatum Gegenb.
Sminthca Gegenb.
eurygaster Gegenb.

* *Gossea* Bate, in *Crustacea*, is of the same year (1862). Dr. Mayer has looked this up, and decides that Agassiz has priority.

- Homoconema* Maas.
typicum Maas.
Tetrorchis H. B. Bigelow.
erythrogaster H. B. Bigelow.
Pantachogon Maas.
hæckelii Maas.
Halicreas Fewkes.
minimum Fewkes.
Halitrephes H. B. Bigelow.
maasi H. B. Bigelow.
Botrynema Browne.
brucei Browne.
Crossota Vanhöff.
brunnea Vanhöff.

Subf. AGLAURINÆ.

- Aglaura* Pér. & Les.
hemistoma Pér. & Les.
Aglantha Hæck.
digitalis (Pér. & Les.).
Amphogona Browne.
apsteini (Vanhöff.).
Stauraglaura Hæck.
tetragonima Hæck.
Persa McCrady.
incolorata McCrady.

Fam. GERYONIIDÆ.

- Liriope* Less.
exigua (Quoy. & Gaim.); syn.
cerasiformis Less.
Geryonia Pér. & Les.
proboscidalis (Forsk.).

Order NARCOMEDUSÆ.

Fam. SOLMARIDÆ.

- Solmaris* Hæck.
leucostyla (Will.)
Pegantha Hæck.
pantheon Hæck.

Fam. ÆGINIDÆ.

- Ægina* Eschsch.
 citra Eschsch.
Solmundella Haeck.
 bitentaculata (Quoy. & Gaim.).
Hydroctena Dawydoff.
 salenskii Dawydoff.
Cunoctantha Haeck.
 octonaria (McCrary).
Æginura Haeck.
 myosura Haeck.
Æginopsis Brandt.
 laurentii Brandt.
Cunina Eschsch.
 globosa Eschsch.
Solmissus Haeck.
 albescens (Gegenb.).
Cunissa Haeck.
 polyporpa Haeck.
Æginodiscus Haeck.
 actinodiscus Haeck.